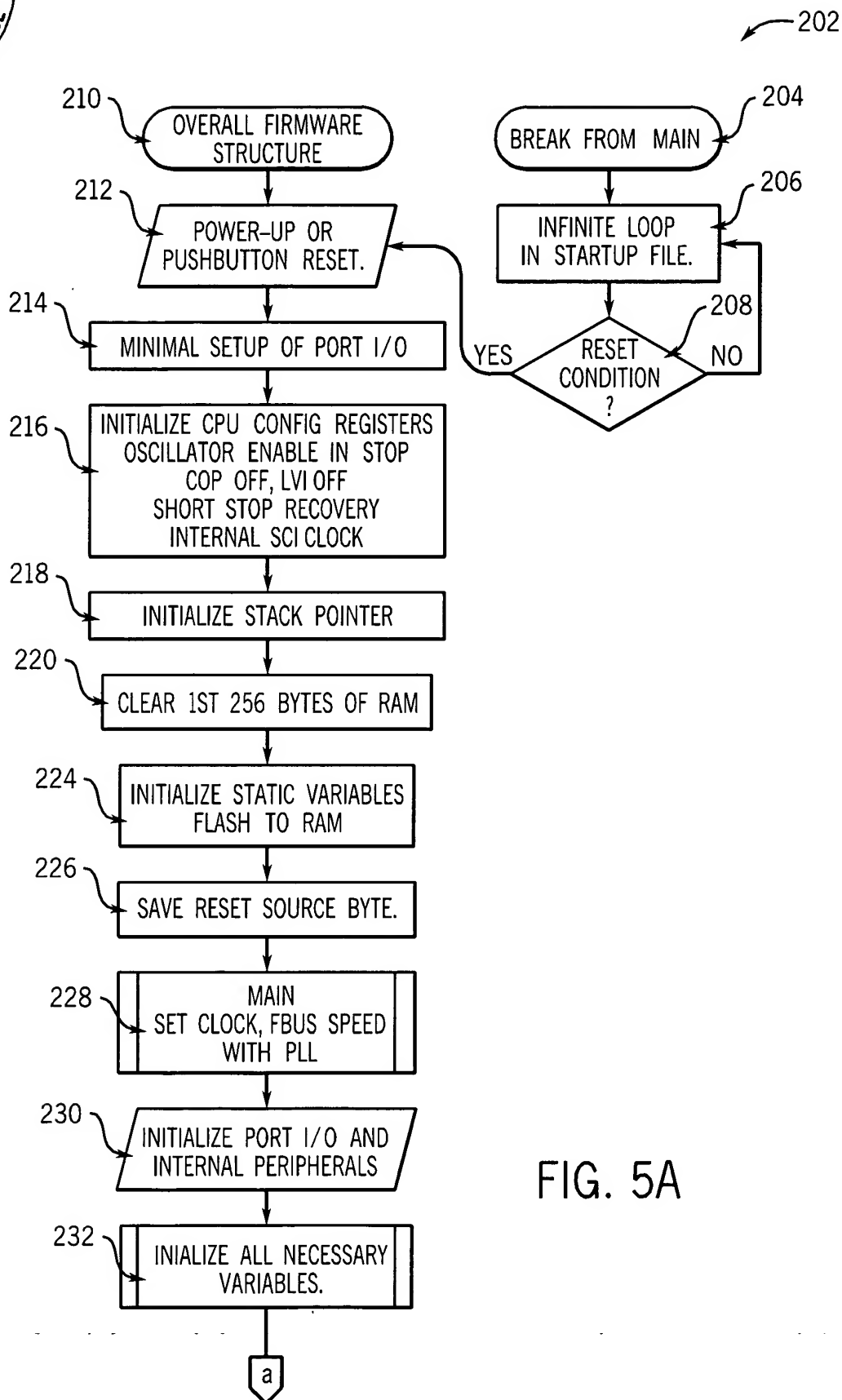


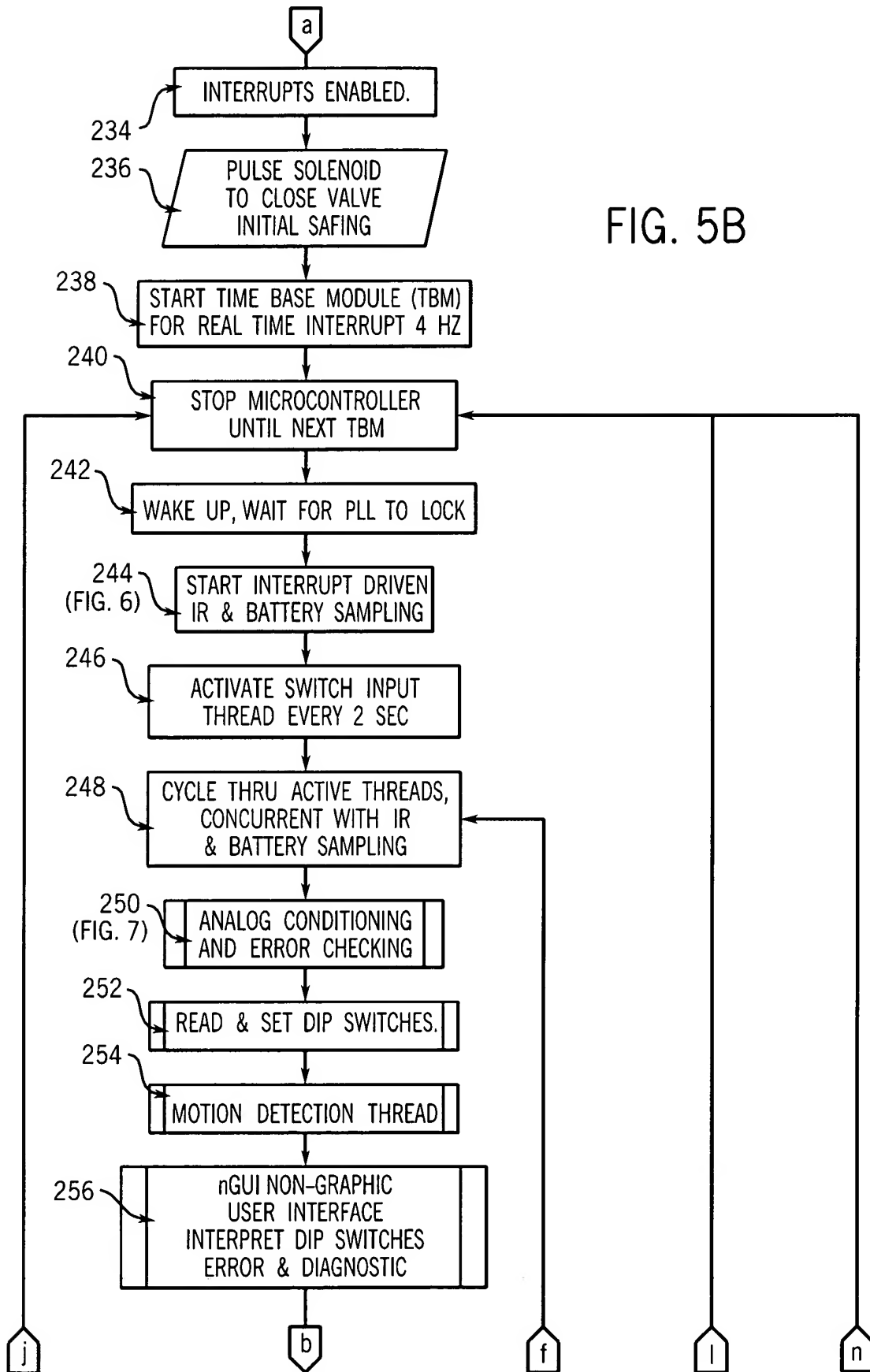


REPLACEMENT SHEET



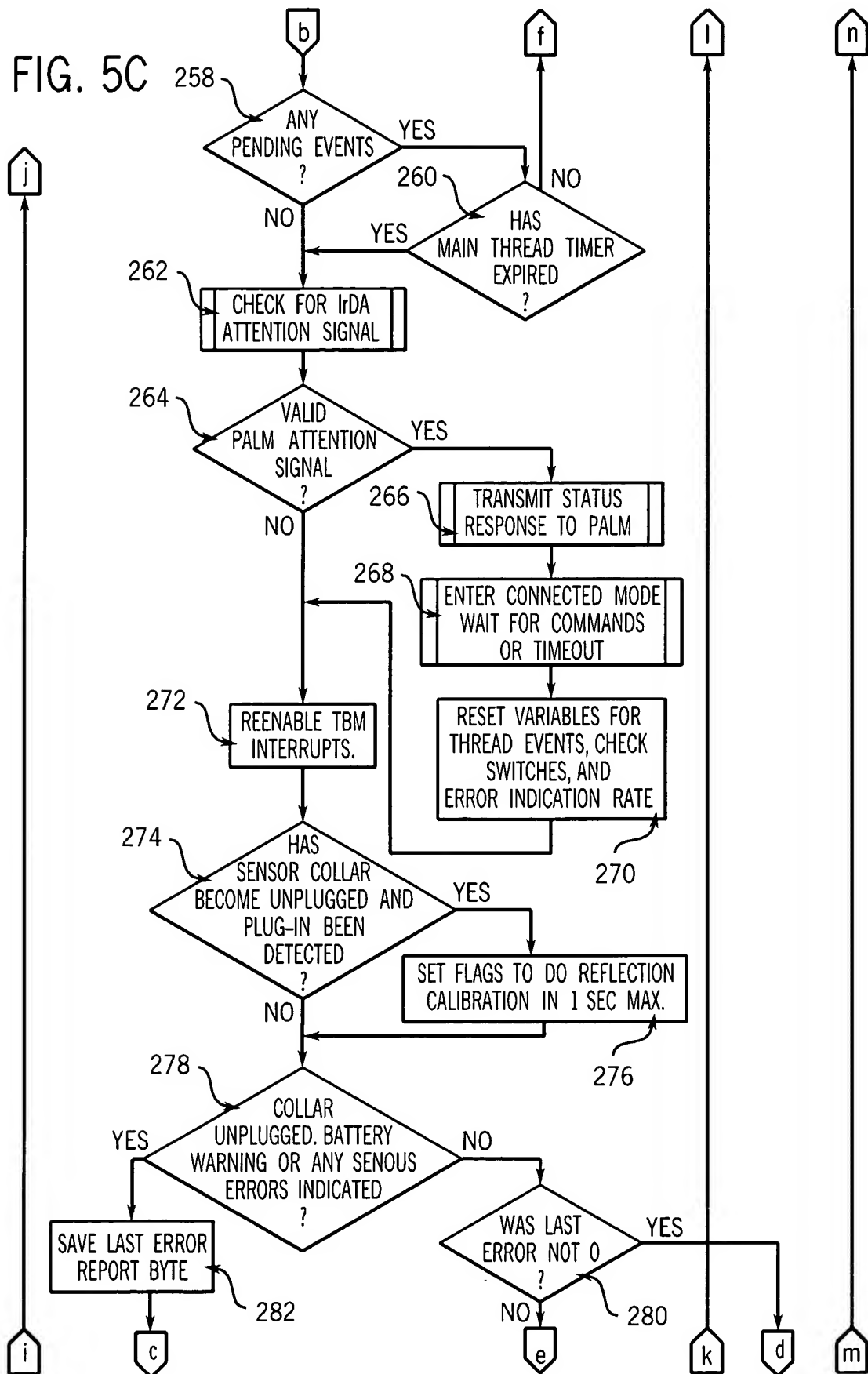
REPLACEMENT SHEET

FIG. 5B



REPLACEMENT SHEET

FIG. 5C



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graph TD
    i[i] --> 284[MAP RELATED ERROR BITS INTO ERROR REPORT.]
    c[c] --> 284
    284 --> 288{WAS LAST ERROR DIFFERENT AND NOT 0?}
    288 -- YES --> 290[SAVE LAST ERROR AS 'PREVIOUS']
    288 -- NO --> 292[SET FLAG TO ALLOW TBM INTERRUPTS.]
    290 --> 292
    292 --> 294[TRANSMIT ERROR MESSAGE TO PALM.]
    294 --> 296{IS FLAG SET INDICATING THAT THE COLLAR IS ?}
    296 -- YES --> 298{INCREMENT COUNT. DOES COUNT EXCEED VALUE?}
    296 -- NO --> 300[ENTER LOW POWER COLLAR UNPLUGGED MODE]
    298 -- YES --> 300
    298 -- NO --> 302{IS COLLAR PLUG-IN DETECTED?}
    300 --> 302
    302 -- YES --> 324[RESET / RESTART TBM INTERRUPTS IF TURNED OFF FOR IR COMMUNICATIONS]
    302 -- NO --> 300
    302 --> m[m]
    e[e] --> 308[CLEAR THREAD EVENTS FOR IR AND BATTERY SAMPLING.]
    k[k] --> 286[SAVE LAST ERROR AS PREVIOUS]
    d[d] --> 304[SET CURRENT ERROR REPORT TO 0]
    286 --> 304
    304 --> 310[RESET THREAD CONTROL.]
    308 --> 310
    310 --> 312{ARE FLAGS SET TO INITIATE CALIBRATION (NORMALLY 1 SEC AFTER)?}
    312 -- YES --> 314[SET FLAG TBM INTERRUPT SERVICE ROUTINE]
    312 -- NO --> 308
    314 --> 316{CHECK FOR COMPUTER PRESENCE FOR FACTORY CAL.?}
    316 -- YES --> 318[RUN FACTORY CALIBRATION]
    316 -- NO --> 322[RUN DYNAMIC CAL. FOR IR REFLECTION]
    318 --> 320[HOLD HERE UNTIL RESET]
    320 --> 324
    322 --> 324
    324 --> 308

```

FIG. 5D

REPLACEMENT SHEET

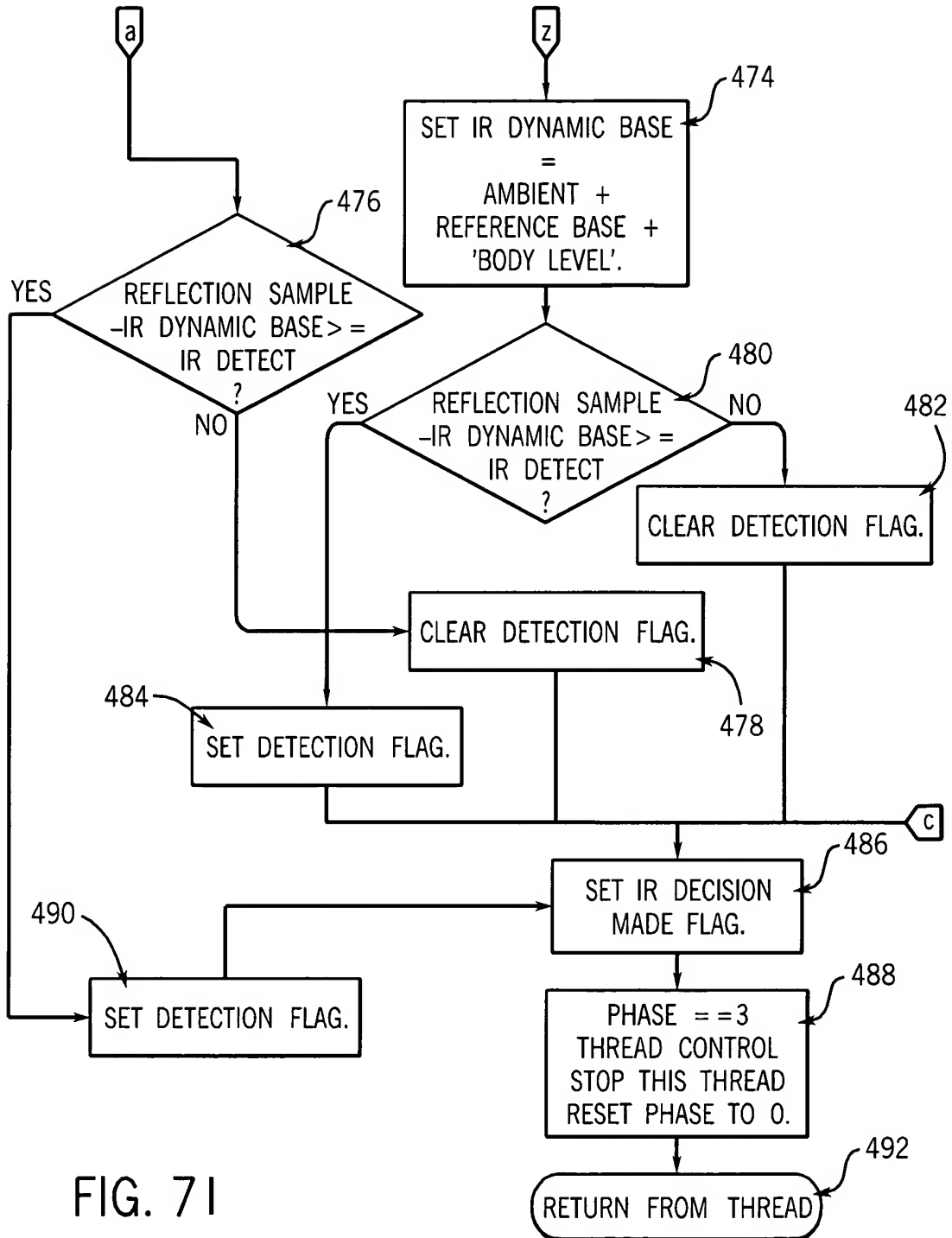
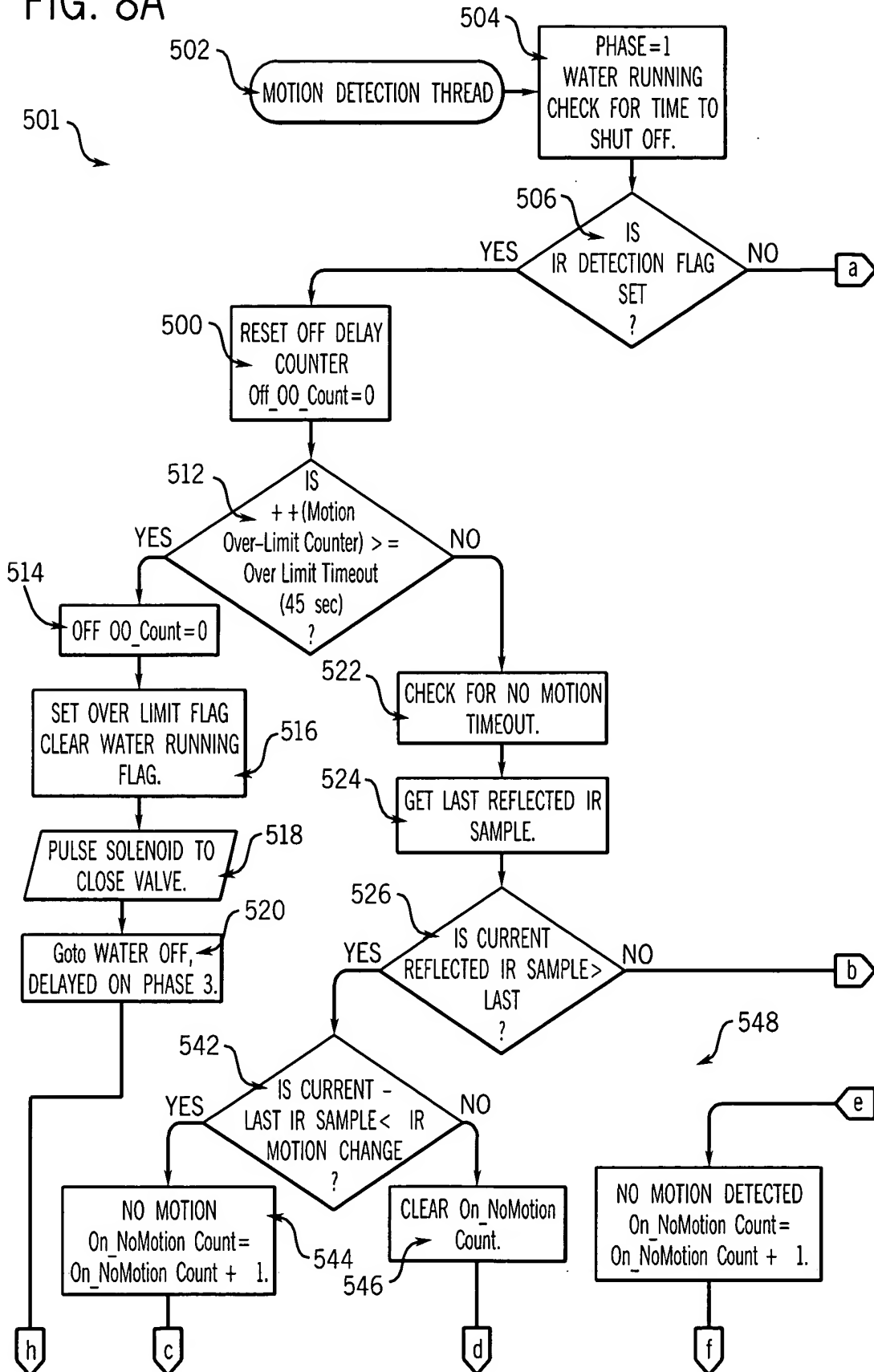


FIG. 71

REPLACEMENT SHEET

FIG. 8A



REPLACEMENT SHEET

FIG. 8D

